

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

(A) NAME: BIOMERIEUX

(B) STREET: Chemin de l'Orme

(C) CITY: MARCY-L'ETOILE

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 69290

(A) NAME: SERRE Guy

(B) STREET: Résidences du Lac, Appt. 46,
10 avenue Winston Churchill

(C) CITY: TOULOUSE

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 31100

(A) NAME: GIRBAL-NEUHAUSER Elisabeth

(B) STREET: 22 rue Matelache

(C) CITY: TOULOUSE

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 31000

(A) NAME: VINCENT Christian

(B) STREET: 16, avenue de la Saune

(C) CITY: LAUZERVILLE

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 31650

(A) NAME: SIMON Michel

(B) STREET: 152, chemin du Pech

(C) CITY: ESCALQUENS

(E) COUNTRY: FRANCE

(F) POSTAL CODE: 31750

(A) NAME: SEBBAG Mireille

(B) STREET: 3, rue A. Fredeau

00920 22015200

5 (A) NAME: DALBON Pascal
(B) STREET: 6, boulevard Jules Fabre
(C) CITY: LYON
(E) COUNTRY: FRANCE
(F) POSTAL CODE: 69006

20 (A) NAME: ARNAUD Michel
(B) STREET: 63, rue Gervais Bussière
(C) CITY: VILLEURBANE
(E) COUNTRY: FRANCE
(F) POSTAL CODE: 69100

25 (A) NAME: JOLIVET Michel
(B) STREET: 16, avenue des Colonnes
(C) CITY: BRON
(E) COUNTRY: FRANCE
(F) POSTAL CODE: 69500

(ii) TITLE OF THE INVENTION: ANTIGENS DERIVED FROM
FILAGGRINS AND THEIR USE FOR THE DIAGNOSIS
OF RHEUMATOID ARTHRITIS

(iii) NUMBER OF SEQUENCES: 6

35 (iv) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: PatentIn Release #1.0, Version
#1.30 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

5

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24 base pairs

(B) TYPE: nucleotide

(C) STRANDEDNESS: single

10

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

TTCCTATACC AGGTGAGCAC TCAT

24

15

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 25 base pairs

20

(B) TYPE: nucleotide

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

25

AGACCCTGAA CGTCCAGACC GTCCC

25

(2) INFORMATION FOR SEQ ID NO: 3:

30

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 49 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS:

(D) TOPOLOGY: linear

35

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Ser Thr Gly His Ser Gly Ser Gln His Ser His Thr Thr Thr Gln Gly
 1 5 10 15
 Arg Ser Asp Ala Ser Arg Gly Ser Ser Gly Ser Arg Ser Thr Ser Arg
 5 20 25 30
 Glu Thr Arg Asp Gln Glu Gln Ser Gly Asp Gly Ser Arg His Ser Gly
 35 40 45
 Ser

10

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 37 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS:

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Ser Gln Asp Arg Asp Ser Gln Ala Gln Ser Glu Asp Ser Glu Arg Arg
 1 5 10 15
 Ser Ala Ser Ala Ser Arg Asn His Arg Gly Ser Ala Gln Glu Gln Ser
 25 20 25 30
 Arg Asp Gly Ser Arg
 35

30 (2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 14 amino acids

(B) TYPE: amino acid

(C) STRANDEDNESS:

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

009210 22075200

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Glu Gln Ser Ala Asp Ser Ser Arg His Ser Gly Ser Gly His
5 1 5 10

(2) INFORMATION FOR SEQ ID NO: 6:

10 (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 14 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

20 Glu Ser Ser Arg Asp Gly Ser Arg His Pro Arg Ser His Asp
 1 5 10